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ORIGINAL
29 NOV 2001

FORM PTO-1390
(REV. 11-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

Le A 33 535

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

09/980242

INTERNATIONAL APPLICATION NO.
PCT/EP00/04431

INTERNATIONAL FILING DATE
16 May 2000 (16.05.00)

PRIORITY DATE CLAIMED
29 May 1999 (29.05.99)

TITLE OF INVENTION
SUBSTITUTED PHENYLCYCLOHEXANE CARBOXYLIC ACID AMIDES AND THEIR USE AS
ADENOSINE UPTAKE INHIBITORS

APPLICANT(S) FOR DO/EO/US

BISCHOFF, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A FIRST preliminary amendment.
14. ☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:
 - 1) Certificate of Mailing under 37 C.F.R. 1.10;
 - 2) Transmittal of Information Disclosure Statement under 37 C.F.R. 1.97(b);
 - 3) Information Disclosure Citation (Modified Form PTO-1449) and references cited therein
 - 4) Return Receipt Postcard.

Date of Deposit: NOV 29 2001

Express Mail Label No.: ET677597759US

U.S. APPLICATION NO. (if known) **09/980242**INTERNATIONAL APPLICATION NO.
PCT/EP00/04431ATTORNEY'S DOCKET NUMBER
Le A 33 53521. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**Neither international preliminary examination fee (37 CFR 1.482)
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO
and International Search Report not prepared by the EPO or JPO. **\$1000.00**International preliminary examination fee (37 CFR 1.482) not paid to
USPTO but International Search Report prepared by the EPO or JPO ~~\$860.00~~
\$890.00International preliminary examination fee (37 CFR 1.482) not paid to USPTO
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO **\$710.00**International preliminary examination fee (37 CFR 1.482) paid to USPTO
but all claims did not satisfy provisions of PCT Article 33(1)-(4) **\$690.00**International preliminary examination fee (37 CFR 1.482) paid to USPTO
and all claims satisfied provisions of PCT Article 33(1)-(4) **\$100.00****ENTER APPROPRIATE BASIC FEE AMOUNT =****CALCULATIONS PTO USE ONLY****\$ 890.00**Surcharge of **\$130.00** for furnishing the oath or declaration later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	57 - 20 =	37	x \$18.00
Independent claims	24 - 3 =	21	x \$80.00 \$4.00

\$ 666.00**\$ 1,764.00**MULTIPLE DEPENDENT CLAIM(S) (if applicable) **1** + ~~\$270.00~~ **\$280.00****\$ 280.00****TOTAL OF ABOVE CALCULATIONS =****\$ 3,600.00**☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above
are reduced by 1/2.

+

SUBTOTAL =**\$ 3,600.00**Processing fee of **\$130.00** for furnishing the English translation later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$

TOTAL NATIONAL FEE =**\$ 3,600.00**Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). **\$40.00** per property +

\$

TOTAL FEES ENCLOSED =**\$ 3,600.00**Amount to be
refunded:

\$

charged:

\$

- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. **13-3372** in the amount of \$ **3,600.00** to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No. **13-3372**. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card
information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR
1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Jeffrey M. Greenman
Vice President, Patents and Licensing
Bayer Corporation
400 Morgan Lane
West Haven, CT 06516

SIGNATURE

William F. Gray

NAME

31,018

REGISTRATION NUMBER

09/980242

Attorney's Docket No. Le A 33 535

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Bischoff, et al.

Serial No.: National Stage Filing of PCT/EP00/04431

Filed: herewith

For: Substituted Phenylcyclohexane Carboxylic Acid Amides and Their Use as Adenosine Uptake Inhibitors

BOX PCT
Assistant Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE OF MAILING UNDER 37 CFR 1.10I hereby certify that the *attached* correspondence comprising:

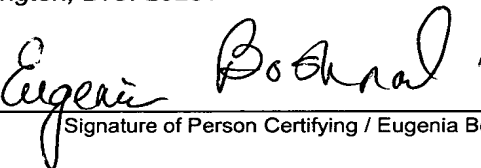
- Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing under 35 U.S.C. 371 [IN DUPLICATE];
- Preliminary Amendment;
- Original Combined Declaration and Power of Attorney;
- English Translation of the Application (35 U.S.C. 371(c)(2));
- Copy of the International Application as filed (35 U.S.C. 371(c)(2));
- Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98 consisting of Transmittal of Information Disclosure Statement under 37 C.F.R. 1.97(b), Information Disclosure Citation (Modified Form PTO-1449) and copies of references cited therein; and
- Return Receipt Post Card.

is, on the date shown below, being deposited with the United States Postal Service, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number ET677597759US, addressed to:

Box PCT
Assistant Commissioner for Patents
Washington, D.C. 20231

NOV 29 2001

Date



Signature of Person Certifying / Eugenia Boshnak

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

12/07/2001 UEDUVIJE 00000050 133372 09980242

01 FC:970	890.00 CH
02 FC:966	666.00 CH
03 FC:964	1764.00 CH
04 FC:968	280.00 CH

Adjustment date: 02/05/2002 FSMITH
12/07/2001 UEDUVIJE 00000050 133372 09980242
02 FC:966 666.00 CR
03 FC:964 1764.00 CR

02/05/2002 FSMITH 00000003 133372 09980242

01 FC:964	168.00 CH
02 FC:966	684.00 CH

PTO-1556
(5/87)